

DAT Conference Call Summary 5/27/2008

I. Participants

AChu(DWR), FFeyrer(DWR), GAasen (DFG), NHindman (FWS),
RShahcheraghi(DWR), TBoardman (SLDMWA), LShih(CCWD), AGleason
(DFG), THinojosa (DWR)

II. Conclusions and Recommendation

No operational changes were recommended at this time.

Next DAT Call: Tuesday, 6/03/2008, 9:00 am - 11:00 am, (916) 657-4111.

III. Chinook Salmon Monitoring

Red Bluff Diversion Dam: No Report

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at
http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php

Mill Creek: No report.

Deer Creek: No report.

Butte Creek: No report.

GCID: No report.

Knights Landing: No report.

IV. Delta Monitoring

For the period 05/18/2008 - 05/24/2008

Sacramento MWTR, 1 day, 10 samples, 2 CHNF & 1 CHNT, Sample trawls on
05/22/08 were cancelled due to high winds Mossdale KDTR, No data from
Region 4, DFG Chipps Island MWTR, 2 days, 21 samples, 12 CHNF & 3 CHNT

Lower Sacramento Seine, 1 day, 6 samples, 61 SPLT & no other species of
concern North Delta Seine, 1 day, 9 samples, 3 CHNF, 7 CHNT & 298 SPLT
Central Delta Seine, 1 day, 5 samples, 3 SPLT and no other species of concern
South Delta Seine, 1 day, 1 sample, No species of concern San Joaquin Seine, 1
days, 3 samples, No species of concern Bay Seine, 1 day, 3 samples, No species
of concern

Many beach seines were cancelled due to high winds, high water and no beaches

V. Delta Smelt Monitoring

Spring Kodiak Trawl: <http://www.delta.dfg.ca.gov/data/skt/>

Survey 15: May 19th, 6 south and central Delta stations were sampled and no delta smelt were collected. May 20th, 2 stations in the Sacramento Deep Water Shipping Channel were sampled. 2 adult delta smelt were collected at each station. Two of these fish were spent and 2 were ripe. 35 age-0 delta smelt were also collected at these 2 stations (24-47mm).

This was the final SKT survey of the year.

20mm Survey: <http://www.delta.dfg.ca.gov/data/20mm/>

Survey 5 was completed 5/12-5/16. 32 stations were sampled due to boat trouble. 31 stations have at least 1 tow processed and 17 stations have all tows processed. Thus far 20 delta smelt have been observed at station 9 stations. Size range was 10-35mm with an average of 18.

642 longfin smelt have been observed so far at 17 stations with distribution centered around the confluence.

Survey 6 started May 27th.

SWG: http://www.fws.gov/sacramento/es/delta_smelt_working_group.htm

The SWG last met on May 19th.

VI. Salvage Facilities

Salvage web site: <http://www.delta.dfg.ca.gov/Data/Salvage/>

Reporting Period: 5/19/2008 to 5/22/2008

Weekly totals are in parenthesis or listed.

Chinook salmon:

No Winter-run sized nonclipped salmon was salvaged at either facility.

Season total loss for nonclipped winter-run is 375 at the CVP and 917 at the SWP.

Fall-run sized nonclipped salmon were salvaged at the SWP (55) and CVP (351).

No late fall-run sized salmon were salvaged at the SWP or CVP.

Spring-run sized nonclipped salmon were salvaged at the SWP (5) and CVP (28).

Season total loss for all races for both facilities is 6026 ad clipped and 19031 unclipped salmon

Steelhead:

No steelhead were salvaged at the CVP or SWP.

Seasonal total salvage for CVP is 1578 clipped and 305 nonclipped steelhead

Seasonal total salvage for SWP is 1254 clipped and 651 nonclipped steelhead

Delta smelt:

Eighty four juvenile delta smelt were salvaged at the SWP and 100 juvenile delta smelt were salvaged at the CVP for the period of reporting.

Seasonal salvage totals are 519 for CVP and 242 for SWP.

No delta smelt larva less than 20 mm was sampled at the CVP or SWP

Longfin smelt:

Ten Juvenile longfin smelt were salvaged at the SWP and 4 at the CVP for the period of reporting.

Seasonal salvage totals are 349 for CVP and 1108 for SWP

No longfin smelt larva less than 20 mm was sampled at the CVP or SWP

Sacramento splittail:

Thirty four Sacramento splittail were salvaged at the SWP and 8 at the CVP for the period of reporting.

Total seasonal salvage for both facilities was 5329.

Sturgeon:

No green or white sturgeon was salvaged at the CVP or the SWP for the period of reporting.

VII. Operations

SWP Delta Ops Summary: <http://swpoco.water.ca.gov/cmplmon/reports/deltaops.html>

USBR CVO Reports: <http://www.usbr.gov/mp/cvo/>

SWP:

CCFB – 1000cfs.

Oroville – 2000cfs.

San Luis - SWP share of San Luis capacity is 746 taf.

X2 - ~ 80.3 km

E/I - 14-day ~16.28%

CVP:

Jones PP – 1000cfs

DCC - DCC was to open on Friday morning, May 23 and close on Tuesday morning, May 27 for Memorial weekend.

Trinity – 4000cfs

Clear Creek – 200cfs

Keswick – 10,000cfs

Nimbus – 1500cfs

Goodwin – 700cfs.

San Luis - CVP share of capacity is 405 taf.

Flows:

Sacramento River at Freeport ~ 9,750cfs

San Joaquin River at Vernalis ~ 1900cfs

Delta Outflow ~ 8,069cfs. 3-day average is 8,777cfs.

Old & Middle River flow ~ USGS 7-day average is -856 cfs as of May 24th
(DWRprovisional estimate is -1087cfs as of May 26th).

Temperature:

Daily average for 5/26/08

Antioch ~ 18.4C

Rio Vista ~ 19.3C

Mossdale ~ 18.6C

3-Station Average ~ 18.7C

Temporary Barriers:

Head of Old River (HOR) Barrier:

The spring HOR barrier work will not be installed this year due to a court decision by US District Court Judge Wanger that prohibited the installation of the spring barrier to increase protections for delta smelt. This is an interim decision that effects the 2008 season only. The fall HORB is not effected.

Agricultural Barriers (Old River near Tracy [ORT], Middle River [MR], Grant Line Canal [GLC]):

Work began May 12 at the DMC barrier. The work is proceeding more quickly than originally planned, so now the barrier is expected to be closed by May 30. The Middle River barrier construction began on May 20 and was completed May 21. Crews began construction of the Grant Line Canal north abutment (boat ramp) on May 19. Partial closure (completion of the boat ramp) is expected by June 4. Full closure of the GLC barrier will be determined afterwards depending on water levels and delta smelt issues. All flap gates on the barriers will be tied open until after the Vernalis Adaptive Management Plan experiment is concluded in accordance with the Wanger decision. After VAMP, the flap gates may be untied (operating normally) if necessary to protect south Delta water levels but only with fishery agencies approval.

Notes:

Fishery agencies and DWR will be closely monitoring conditions for Delta smelt which might effect operations of the barriers during May/June. Changes in flap-gate operations on the culverts, delaying filling of the GLC center section, removal of the barriers, and changes to SWP/CVP export operations are all possible actions that could be taken to protect smelt if necessary.

VIII. Delta Water Quality

Chipps Island X2 standard:

The standard for May requires 1 day at Chipps Island by either a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64, or a 3-day average outflow of 11,400cfs.

E/I:

35%

Delta Cross Channel:

The gates must be closed from February 1st to May 20th for the protection of winter-run Chinook salmon.

Contra Costa Canal:

Cl \leq 250 mg/L. In addition, Cl \leq 150 mg/L are projected to be required for 155 days per critical year type. To date, 116 days already been met.

Suisun Marsh:

Western Marsh Monthly Average \leq 12.5 mS/cm.

Eastern Marsh Monthly Average \leq 11.0 mS/cm.

South Delta:

30-day average EC \leq 0.7 mS/cm.

West Delta Salinity:

Emmaton, Jersey Point, Terminous, San Andreas: 14-day average EC \leq 0.45 mS/cm

San Joaquin Salinity:

14-day average EC \leq 0.44 mS/cm

VAMP:

Scheduled to end on May 22.

Final copies of the DAT notes are now available on the CALFED Operations website at <http://www.woco.water.ca.gov/calfedops/datsummaries.html>